

ORGANIC SEMICONDUCTOR INVERTING CIRCUIT**Abstract of the Disclosure**

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An organic semiconductor inverting circuit includes at least three organic transistors, an output terminal (110, 210, 310, 410), a reference supply voltage input (115, 215, 315, 415), a first positive supply voltage input (120, 220, 320, 420), and a negative supply voltage input (125, 225, 325, 425). One of the three organic transistors is an input transistor having a gate to which is coupled an input terminal (105, 205, 305, 405). The output terminal (110, 210, 310, 410) is coupled to a first electrode of at least one of the at least three organic transistors.